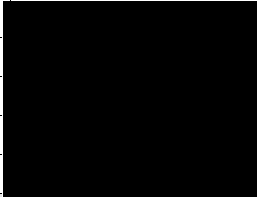


US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>		<b>2. Date Prepared</b>		<b>3. Time Prepared</b>		<b>UNIT LOG ICS 214</b>																																																	
Kalamazoo River/Enbridge Spill		06/5/2012		1700																																																			
<b>4. Unit Name/Designators</b>		<b>5. Unit Leader</b>			<b>6. Operational Period :</b>																																																		
Operations Unit/Containment Branch Monitoring Group		<b>Name:</b>	Dan Capone & Joe Victory (START/US EPA)		<b>From:</b>	06/5/2012 0630																																																	
		<b>Position:</b>	Operations Section Chief		<b>To:</b>	06/5/2012 1600																																																	
<b>7. Personnel Roster Assigned</b>																																																							
<b>Name</b>		<b>ICS Position</b>			<b>DUTY CELL</b>																																																		
Dan Capone		Operations Section Chief																																																					
Joe Victory		Operations Section Chief																																																					
Rex Johnson		Deputy Director																																																					
Dan Zahner		Field Team Lead																																																					
Greg Wagner		CBM Team 2																																																					
<b>8. Activity Log</b>																																																							
<b>Activity Area</b>					<b>LAT</b> <b>Various</b> (DD.MMMM)	<b>LAT</b> <b>Various</b> (DD.MMMM)																																																	
<b><u>OIL OBSERVED</u></b>		<b><u>EXTENT OF OIL IMPACTED AREA</u></b>																																																					
		<b><u>DENSITY OF OIL /SHEEN</u></b>																																																					
<b>Total Collection Points</b>																																																							
<b>Total Boom Deployed</b>																																																							
<b>Activity</b>		<p><b><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></b></p> <p>Greg Wagner and Dylan Massey (LBG) conducted (1) Control &amp; Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile post 2.25 (C0.0) through 14.00 (2) Water &amp; Sediment Temperature &amp; Level Readings. (3) Buoy Inspections performed also.</p> <ul style="list-style-type: none"> <li>• 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.</li> <li>• 0730- 1600: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions.</li> </ul> <p><b><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></b></p> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr><td>MP 2.25 (C 0.0 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 5.25 (C0.4 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 10.0 (C3.2 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 15.0 (C5 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 18.75 (D2 Launch)</td><td>70.8</td><td>63.4</td><td>1.1</td></tr> <tr><td>MP 21.5 (D5)</td><td>70.7</td><td>59.8</td><td>4.6</td></tr> <tr><td>MP 27.0 (E0.5 Launch)</td><td>69.6</td><td>64.0</td><td>0.9</td></tr> <tr><td>MP 30.0 (E2 Launch)</td><td>68.1</td><td>63.1</td><td>0.8</td></tr> <tr><td>MP 35.0 (E3 Launch)</td><td>64.6</td><td>60.5</td><td>0.0</td></tr> <tr><td>MP 38.0 (E4 Launch)</td><td>63.7</td><td>65.2</td><td>1.0</td></tr> <tr> <td><b>AVERAGE</b></td> <td><b>67.9</b></td> <td><b>62.7</b></td> <td><b>1.4</b></td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)				MP 5.25 (C0.4 Launch)				MP 10.0 (C3.2 Launch)				MP 15.0 (C5 Launch)				MP 18.75 (D2 Launch)	70.8	63.4	1.1	MP 21.5 (D5)	70.7	59.8	4.6	MP 27.0 (E0.5 Launch)	69.6	64.0	0.9	MP 30.0 (E2 Launch)	68.1	63.1	0.8	MP 35.0 (E3 Launch)	64.6	60.5	0.0	MP 38.0 (E4 Launch)	63.7	65.2	1.0	<b>AVERAGE</b>	<b>67.9</b>	<b>62.7</b>	<b>1.4</b>
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**WEEKLY/AFTER RAIN EVENT INSPECTION:**

**Talmadge Creek:** (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:  
 MP 0.04: Below Source (Culvert 1):  
 MP 0.27: Between Source & Division Road (Culvert 2):  
 MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):  
 MP 1.09: 16 Mile Road (Culvert 5):  
 MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7):  
 MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9):  
 MP 2.02: Talmadge Creek before Confluence:

**DAILY CONTAINMENT MONITORING:**

**Kalamazoo River:** Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam):  
 MP 8.50 L1 (8.48 LDB):  
 MP 8.50 L3 (8.48 LDB):  
 MP 8.75 R1:  
 MP 9.00 I2 (8.97I):  
 MP 10.75 LDB:  
 MP 11.75 L2 (11.79 LDB):  
 MP 14.98I:  
 MP 15.65 (Battle Creek Spillway): Control point intact. Observed sheen on the downstream side of the control point boom today. The quantity was not large, approx. 2 sq. ft., but it was not contained. LBG called the sheen in for cleanup. Cleanup crew deployed this afternoon.  
 MP 17.00 L1 (Rock Tenn): Containment has been removed.  
 MP 21.50 (Oxbow): Containment booms intact. Silver sheen observed today. Area of sheen is 1' x 1' = 1 sq. ft.  
 MP 30.8 LDB: Containment intact. No sheen was observed today.  
 MP 37.75 (E4): Control point booms and collection point intact. Silver and small quantity of rainbow sheen observed here today. Area of sheen is 1' x 15' = 15 sq. ft.

**RIVER REOPENING MILE POSTS:**

MP -2.70 to MP 2.25:  
 MP 2.25 to MP 5.90:  
 MP 5.90 to MP 9.50:  
 MP 9.50 to MP 13.75:  
 MP 13.75 to MP 15.65:  
 MP 15.65 to MP 18.75:  
 MP 18.75 to MP 30.00:  
 MP 30.00 to MP 35.25:  
 MP 35.25 to MP 37.75:  
 MP 37.75 to MP 40.00:

Total sheen in control points: 17 sq. ft.  
 Total sheen within containment: 1 sq. ft.  
 Total Sheen: 18 sq. ft.

**Helicopter Fly-Over Pictures:**

	No inspections resulting from helicopter overflight pictures were performed by CBM-2 today.
Health and Safety Issues	
Comments	None.